

**GATEWAY CITIES TRAFFIC SIGNAL SYNCHRONIZATION AND BUS  
SPEED IMPROVEMENT PROJECT  
I-5/TELEGRAPH ROAD**

**Progress Report #32  
April 12-May 16, 2003**

**TASK NO. 1: PROJECT MANAGEMENT**

- Siemens ITS staff attended a Progress Meeting with the County on May 7, 2003.
- Prepared and submitted progress report and invoice for the last period.
- Continued to update the project site with recent project status reports and project deliverable reports.
- The project web-site is available for viewing at:

<http://www.gardnersys.com/>

under “Projects”

**Upcoming work:**

Update the Web Site as needed

- Pilot Deployment
  - Siemens ITS prepared and submitted draft scope of work for the Downey Pilot Project to the County on April 21, 2003. This scope of work was reviewed at the May 7, 2003 status meeting.

**Upcoming work:**

- Revise and submit final scope of work to the County based on the comments received at the status meeting.

**TASK NO. 2: STAKEHOLDERS AND OPERATIONAL OBJECTIVES**

This task has been completed.

**TASK NO. 3: REQUIREMENTS ANALYSIS**

This task has been completed.

**TASK NO. 4: HIGH LEVEL SYSTEM DESIGN**

Prepared and submitted an amendment to High Level Design Definition Report on May 7, 2003 incorporating changes in the high level design to include additional cities and streets as a result of project area expansion.

**TASK NO.: 5: ALTERNATIVE ANALYSIS**

- Completed and submitted Draft System Alternative Analysis and Recommendations Report to the County on May 12, 2003.

**Upcoming work:**

- Revise communications alternative analysis report based on County's comments.
- Revise system alternative analysis and recommendations report based on County's comments.

**TASK NO.: 6: RECOMMENDATIONS**

This task has been completed.

**Upcoming work:****TASK NO.: 7: ATMS CONCEPTUAL DESIGN REPORT**

No activity this period.

**TASK NO.: 13: CCTV LOCATION ANALYSIS (TELEGRAPH ROAD)**

No activity this period.

**Upcoming work:**

- Revise draft CCTV location analysis report based on County's comments.

**TASK NO.: 14: INTERVIEW ADDITIONAL CITIES**

Completed

**Task 15: Confirm Additional Streets**

Started revising the draft document, based on County's comments.

**Upcoming work:**

- Complete and submit the revised document based on County's comments.

**Task 16: Inventory additional Streets & Revise Operational Objectives Report**

Continued work on collecting data on additional 238 intersections in the Project area.

**Upcoming work:**

- Complete inventory task, and revise the operational objectives report to include additional intersections.

**Task 17: Revised LCC Recommendations Report (Whittier, Norwalk)**

- Completed and submitted the Draft LCC Recommendations Report (expanded area) to the County on May 7, 2003.

**Upcoming work:**

- Revise the above report based on County's comments.

**Task 18: CCTV Location Analysis for Additional Streets**

- Continued analyzing the expanded area intersections for CCTV placement.

**Upcoming work:**

- Complete the analysis and submit draft CCTV analysis report expanded area to County for their review.

**Task 19: Detection Location Analysis for Additional Streets**

- Continued analyzing the expanded area intersections for system detection placement.

**Upcoming work:**

- Complete the analysis and submit draft system detection analysis report expanded area to County for their review.

**Task 20: Revised Communications Analysis Report & Recommendations**

- No activity this period

**Upcoming work:**

- Start communications analysis for expanded area.

**TASK 9 HAS BEEN REMOVED FROM THE PROJECT SCOPE****TASKS 8, 10, 11, AND 12**

Work has not yet started on these tasks.

Alan Clelland  
Project Manager

June 9, 2003

### Deliverable Status as of June 9, 2003

Task	Status	Anticipated Completion Date
<b>Task 1: Project Management</b>		
1.1 Project Coordination	On-Going	
1.2 Attend Project Meetings	On-Going	
1.3 Create and Maintain Web page	On-Going	
1.4 Prepare Project Reports	On-Going	
Travel/ODC	On-Going	
<b>Task 2: Stakeholders and Operational Objectives</b>		
2.1 Draft Operational Objectives Report	Completed	
2.2 Final Operational Objectives Report	Completed	
2.3 Individual City Reports	Completed	
<b>Task 3: Requirements Analysis</b>		
3.1.1 Draft ATMS User Requirements	Completed	
3.1.2 Final ATMS User Requirements	Completed	
3.2 ATMS Functional and Local City Control Site Requirements		
3.2.1 Draft	Completed	
3.3 Integration System User Requirements		
3.3.1 Draft	Completed	
3.3.2 Final	Completed	
3.4 Integration System Functional Requirements		
3.4.1 Draft	Completed	
3.5 Communications Requirements		
3.5.1 Draft	Completed	
3.6 Requirements Analysis Final	Completed	
<b>Task 4: High Level System Design</b>		
4.1 High Level System Design Report		
4.1.1 Draft		
4.1.1.1 System HLD Draft	Completed	
4.1.1.2 VDS Draft	Completed	
4.1.2 Final	Completed	
<b>Task 5: Alternatives Analysis and Recommendations</b>		
5.1 ATMS Analysis		
5.1.1 Draft Systems Alternatives Analysis & Recommendations	Completed	
5.1.2 Final Systems Alternatives Analysis & Recommendations		TBD
5.2 Communications Analysis & Recommendations		
5.2.1 Draft	Completed	
5.2.2 Final		TBD
<b>Task 6: LCC Recommendations</b>		
6.1 Draft	Completed	
6.2 Final	Completed	
<b>Task 7: Conceptual Design Report</b>		
7.1 Draft		
7.1.1 ATMS		August 15, 2003
7.1.2 Local City Control Site		August 15

Task	Status	Anticipated Completion Date
7.1.3 Integration Systems		August 15
7.1.4 Communications		August 15
<b>Task 8: Operations and Maintenance Plan</b>		
8.1 Draft		September 15, 2003
8.2 Final		TBD
<b>Task 9: Technical Operational and Institutional Issues</b>		
9.1 Draft		Removed
9.2 Final		Removed
<b>Task 10: City Concurrence</b>		
10.1 Resolutions		October 15, 2003
10.2 Minutes		October 22, 2003
<b>Task 11: Final Conceptual Design Report</b>		
11.1 Draft		November 15, 2003
11.2 Final		TBD
<b>Task 12: Strategic Implementation Plan</b>		
12.1 Scope of Work		
12.1.1 Draft		December 15, 2003
12.1.2 Final		TBD
12.2 Project Budget		
12.2.1 Budget		December 15, 2003
12.2.2 Cash Flow Chart		December 15, 2003
12.3 Project Schedule		December 15, 2003
12.4 Strategic Plan Final Report		
12.4.1 Draft		December 31, 2003
12.4.2 Final		TBD
12.4.3 Executive Summary		December 31, 2003
<b>Task 13: CCTV Location Analysis (TG Road)</b>		
13.1 Draft	Completed	
13.2 Final		TBD
<b>Task 14: Interview Additional Streets</b>	Completed	
<b>Task 15: Confirm Additional Streets</b>		May 30, 2003
<b>Task 16: Stakeholders and Operational Objectives</b>		
16.1 Draft Operational Objectives Report		June 13, 2003
16.2 Final Operational Objectives Report		TBD
<b>Task 17: LCC Recommendations</b>		
17.1 Draft	Completed	
17.2 Final		TBD
<b>Task 18: CCTV Location Analysis</b>		
18.1 Draft		May 30, 2003
18.2: Final		TBD
<b>Task 19 System Detection Analysis</b>		
19.1: Draft		June 13, 2003
19.2 Final		TBD
<b>Task 20: Communications Analysis &amp; Recommendations</b>		
20.1 Draft		July 15, 2003
20.2 Final		TB